



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**Substitute for Form 1449A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete If Known**

Application Number	10/781,220
Filing Date	02/18/2004
First Named Inventor	Keith M. Edwards
Art Unit	2815
Examiner Name	Unknown
Attorney Docket Number	AMKOR-083C

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code <sup>4</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
nbc		200204397	08/02/2002	JAPAN		
jj		0049944	06/26/2002	KOREA		
		2001060648	03/06/2001	JAPAN		
		556398	10/29/2000	JAPAN		
		EP1032037	08/30/2000	EU PAT. OFFICE		
		00150765	05/30/2000	JAPAN		
		EP098968	03/29/2000	EU PAT. OFFICE		
		9967821	12/29/1999	PCT		
v		9956316	11/04/1999	PCT		
nbc		EP0936671	08/18/1999	EU PAT. OFFICE		

Examiner Signature Jasmine Clark Date Considered 8/28/04

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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1 Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(use as many sheets as necessary)</i></p>				<b>Complete if Known</b>	
<p>Sheet</p>		1	of	1	<p>Application Number</p> <p>Filing Date</p> <p>First Named Inventor</p> <p>Art Unit</p> <p>Examiner Name</p>
					<p>10/781,220</p> <p>02/18/2004</p> <p>Keith M. Edwards</p> <p>2815</p> <p>Unknown</p>
					<p>Attorney Docket Number</p> <p>AMKOR-083C</p>

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
mjz		100220154	06/18/1999	KOREA	
		10256240	09/25/1998	JAPAN	
		10199934	07/31/1998	JAPAN	
		10163401	06/19/1998	JAPAN	
		EP0844665	05/27/1998	EU PAT. OFFICE	
		10022447	JAN-98	JAPAN	
		9293822	11/11/1997	JAPAN	
		9772358	11/07/1997	KOREA	
		EP0794572A2	10/09/1997	EU PAT. OFFICE	
mjz		DE19734794A1	08/11/1997	GERMANY	

Examiner Signature	Jasmine Clark	Date Considered	8/28/01
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**Substitute for form 1449A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

## Shee

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**Complete if Known**

Application Number	10/781,220
Filing Date	02/18/2004
First Named Inventor	Keith M. Edwards
Art Unit	2815
Examiner Name	Unknown
Attorney Docket Number	AMKOR-083C

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
MB		992775	04/04/1997	JAPAN	
		98205	01/10/1997	JAPAN	
		98206	01/10/1997	JAPAN	
		98207	01/10/1997	JAPAN	
		8306853	11/22/1996	JAPAN	
		8222682	08/30/1996	JAPAN	
		8125066	05/17/1996	JAPAN	
		8083877	03/26/1996	JAPAN	
		864634	03/08/1996	JAPAN	
MB		EP0720225	03/07/1996	EU PAT. OFFICE	

Examiner  
Signature

Jasmine Clark

Date Considered

8/28/04

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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/781,220
				Filing Date	02/18/2004
				First Named Inventor	Keith M. Edwards
				Art Unit	2815
				Examiner Name	Unknown
				Attorney Docket Number	AMKOR-83C
Sheet	1	of	1		

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
<i>W</i>		EP0720234	03/07/1996	EU PAT. OFFICE		
		7312405	11/28/1995	JAPAN		
		7297344	11/1995	JAPAN		
		6260532	09/16/1994	JAPAN		
		6140563	05/20/1994	JAPAN		
		692076	04/05/1994	JAPAN		
		941979	01/03/1994	KOREA		
		5283460	10/29/1993	JAPAN		
<i>Y</i>		5166992	07/1993	JAPAN		
<i>Wbc</i>		5129473	05/25/1993	JAPAN		

Examiner Signature	Jasmine Clark	Date Considered	8/25/04
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				Application Number	10/781,220
				Filing Date	02/18/2004
				First Named Inventor	Keith M. Edwards
				Art Unit	2815
				Examiner Name	Unknown
Sheet	1	of	1	Attorney Docket Number	AMKOR-083C

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
Whe		63249345	10/17/1988	JAPAN	
		63233555	09/29/1988	JAPAN	
		63205935	08/25/1988	JAPAN	
		63067762	03/26/1988	JAPAN	
		629639	01/17/1987	JAPAN	
		6139555	02/25/1986	JAPAN	
		60231349	11/16/1985	JAPAN	
		60195957	10/04/1985	JAPAN	
Whe		60116239	08/06/1985	JAPAN	
Whe		60010756	01/19/1985	JAPAN	

Examiner Signature	Jasmine Clark	Date Considered	8/28/04
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**Substitute for form 1449AVTO**

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Application Number	10/781,220
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First Named Inventor	Keith M. Edwards
Art Unit	2815
Examiner Name	Unknown
Attorney Docket Number	AMKOR-083C

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## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

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Signature

Jasmine Clark

Date  
Considered

08/28/04

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PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO

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Application Number	10/781,220
Filing Date	02/18/2004
First Named Inventor	Keith M. Edwards
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
jl		369248	07/09/1991	JAPAN		
jl		2129948	05/18/1990	JAPAN		
		63289951	11/28/1988	JAPAN		
jl		63188964	08/04/1988	JAPAN		
jl		6333854	02/13/1988	JAPAN		

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## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

Title of Invention	LEADFRAME PACKAGE FRO SEMICONDUCTOR DEVICES						
Application Number:	10/781220						
Confirmation Number:	1929						
First Named Applicant:	KEITH EDWARDS						
Attorney Docket Number:	AMKOR083C						
Art Unit:	2815						
Search string:	( 5608265 or 5608267 or 5625222 or 5633528 or 5639990 or 5640047 or 5641997 or 5643433 or 5644169 or 5646831 or 5650663 or 5661088 or 5665996 or 5673479 or 5683806 or 5689135 or 5696666 or 5701034 or 5703407 or 5710064 or 5724233 or 5723899 or 5726493 or 5736432 or 5745984 or 5753532 or 5753977 or 5766972 or 5770888 or 5776798 or 5783861 or 5801440 or 5814877 or 5814881 or 5814883 or 5814884 or 5817540 or 5818105 or 5821457 or 5821615 or 5834830 or 5835988 or 5844306 or 5856911 or 5859471 or 5866939 or 5871782 or 5874784 or 5877043 or 5886397 ).pn.						
<b>US Patent Documents</b>							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
1	1	5608265	1997-03-04	Kitano et al.			
2	2	5608267	1997-03-04	Mahulikar et al.			
3	3	5625222	1997-04-29	Yoneda et al.			
4	4	5633528	1997-05-27	Abbott et al.			
5	5	5639990	1997-06-17	Nishihara et al.			
6	6	5640047	1997-06-17	Nakashima			
7	7	5641997	1997-06-24	Ohta et al.			
8	8	5643433	1997-07-01	Fukase et al.			
9	9	5644169	1997-07-01	Chun			
10	10	5646831	1997-07-08	Manteghi			



11	5650663	1997-07-22	Parthasarathi
12	5661088	1997-08-26	Tessier et al.
13	5665996	1997-09-09	Williams et al.
14	5673479	1997-10-07	Hawthorne
15	5683806	1997-11-04	Sakumoto et al.
16	5689135	1997-11-18	Ball
17	5696666	1997-12-09	Miles et al.
18	5701034	1997-12-23	Marrs
19	5703407	1997-12-30	Hori
20	5710064	1998-01-20	Song et al.
21	5724233	1998-03-03	Honda et al.
22	5723899	1998-03-03	Shin
23	5726493	1998-03-10	Yamashita
24	5736432	1998-04-07	Mackessy
25	5745984	1998-05-05	Cole, Jr. et al.
26	5753532	1998-05-19	Sim
27	5753977	1998-05-19	Kusaka et al.
28	5766972	1998-06-16	Takahashi et al.
29	5770888	1998-06-23	Song et al.
30	5776798	1998-07-07	Quan et al.
31	5783861	1998-07-21	Son
32	5801440	1998-09-01	Chu et al.
33	5814877	1998-09-29	Diffenderfer et al.
34	5814881	1998-09-29	Alagaratnam et al.
35	5814883	1998-09-29	Sawai et al.
36	5814884	1998-09-29	Davis et al.
37	5817540	1998-10-06	Wark
38	5818105	1998-10-06	Kouda
39	5821457	1998-10-13	Mosley et al.
40	5821615	1998-10-13	Lee
41	5834830	1998-11-10	Cho
42	5835988	1998-11-10	Ishii
43	5844306	1998-12-01	Fujita et al.
44	5856911	1999-01-05	Riley
45	5859471	1999-01-12	Kuraishi et al.
46	5866939	1999-02-02	Shin et al.



47	5871782	1999-02-16	Choi
48	5874784	1999-02-23	Aoki, et al.
49	5877043	1999-03-02	Alcoe et al.
50	5886397	1999-03-23	Ewer

Signature

Examiner Name	Date
Jasmine Clark	08 30 04



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

Title of Invention	LEADFRAME PACKAGE FOR SEMICONDUCTOR DEVICE																																																																																										
<p>Application Number: 10/781220 Confirmation Number: 1929 First Named Applicant: KEITH EDWARDS Attorney Docket Number: AMKOR083C Art Unit: 2815 Search string: ( 5886398 or 5894108 or 5897339 or 5900676 or 5903049 or 5903050 or 5909053 or 5915998 or 5917242 or 5939779 or 5942794 or 5951305 or 5959356 or 5969426 or 5973388 or 5976912 or 5977613 or 5977615 or 5977630 or 5981314 or 5986333 or 5986885 or 6001671 or 6013947 or 6018189 or 6020625 or 6025640 or 6031279 or 6034423 or RE36613 or 6040626 or 6043430 or 6060768 or 6060769 or 6072228 or 6075284 or 6081029 or 6084310 or 6087715 or 6087722 or 6100594 or 6114752 or 6113474 or 6118174 or 6118184 or 6130115 or 6130473 or RE36907 or 6133623 or 6140154 ).pn.</p>																																																																																											
<h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>1</td><td>1</td><td>5886398</td><td>1999-03-23</td><td>Low et al.</td><td></td><td></td><td></td></tr><tr><td>1</td><td>2</td><td>5894108</td><td>1999-04-13</td><td>Mostafazadeh et al.</td><td></td><td></td><td></td></tr><tr><td>1</td><td>3</td><td>5897339</td><td>1999-04-27</td><td>Song et al.</td><td></td><td></td><td></td></tr><tr><td>1</td><td>4</td><td>5900676</td><td>1999-05-04</td><td>Kweon et al.</td><td></td><td></td><td></td></tr><tr><td>1</td><td>5</td><td>5903049</td><td>1999-05-11</td><td>Mori</td><td></td><td></td><td></td></tr><tr><td>1</td><td>6</td><td>5903050</td><td>1999-05-11</td><td>Thurairajaratnam et al.</td><td></td><td></td><td></td></tr><tr><td>1</td><td>7</td><td>5909053</td><td>1999-06-01</td><td>Fukase et al.</td><td></td><td></td><td></td></tr><tr><td>1</td><td>8</td><td>5915998</td><td>1999-06-29</td><td>Stidham et al.</td><td></td><td></td><td></td></tr><tr><td>1</td><td>9</td><td>5917242</td><td>1999-06-29</td><td>Ball</td><td></td><td></td><td></td></tr><tr><td>1</td><td>10</td><td>5939779</td><td>1999-08-17</td><td>Kim</td><td></td><td></td><td></td></tr></tbody></table>				init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	1	1	5886398	1999-03-23	Low et al.				1	2	5894108	1999-04-13	Mostafazadeh et al.				1	3	5897339	1999-04-27	Song et al.				1	4	5900676	1999-05-04	Kweon et al.				1	5	5903049	1999-05-11	Mori				1	6	5903050	1999-05-11	Thurairajaratnam et al.				1	7	5909053	1999-06-01	Fukase et al.				1	8	5915998	1999-06-29	Stidham et al.				1	9	5917242	1999-06-29	Ball				1	10	5939779	1999-08-17	Kim			
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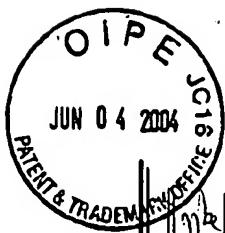
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Title of Invention	LEADFRAME PACKAGE FOR SEMICONDUCTOR DEVICES							
Application Number:	10/781220							
Confirmation Number:	1929							
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Attorney Docket Number:	AMKOR083C							
Art Unit:	2815							
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**Signature**

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Jasmine Clark	08/30/04



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Note: Applicant is not required to submit a paper copy of cited US Patent Documents								
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Note: Applicant is not required to submit a paper copy of cited US Published Applications

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Jasmine Clark	06/28/04



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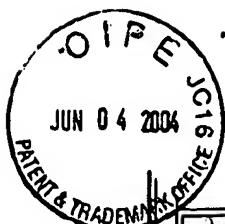
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Examiner Name	Date
Jasmine plenk	08/31/04



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